

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WH2XFO

(Call Sign)

0031-EX-TC-2019

(File Number)

NAME L-3 Communications / Randtron Systems

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

(1) Half moon Bay (SAN MATEO), CA - NL 37-30-54; WL 122-22-44

Frequency Information

Half moon Bay (SAN MATEO), CA - NL 37-30-54; WL 122-22-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
50-73 MHz	FX	N0N	1.5 W (ERP)	
50-73 MHz	FX	N0N	100 kW (ERP)	
76-88 MHz	FX	N0N	1.5 W (ERP)	
76-88 MHz	FX	N0N	100 kW (ERP)	

This authorization effective April 26, 2019 and
will expire 3:00 A.M. EST August 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Half moon Bay (SAN MATEO), CA - NL 37-30-54; WL 122-22-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
138-224 MHz	FX	N0N	1.5 W (ERP)	
138-224 MHz	FX	N0N	100 kW (ERP)	

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at https://www.sbe.org/sections/freq_local.php to find the appropriate coordinator.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operation is subject to prior coordination with the local Society of Broadcast Engineers (SBE) prior to operation to protect the Low Power Broadcast Auxiliary operations in the following bands 54-72 MHz, 76-88 MHz, 152.855-154.0 MHz, 157-161.575 MHz, 161.625-161.775 MHz, & 162.0375-173.2 MHz.
- (5) Due to possibility of harmful interference to incumbent services, no operation is permitted in frequency band 88-107 MHz.